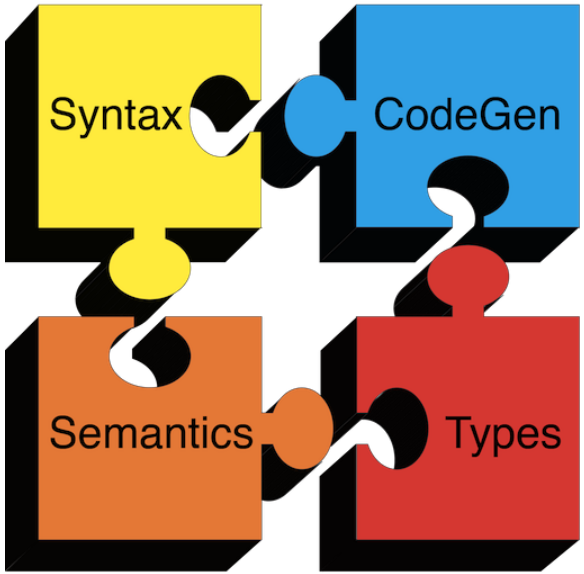
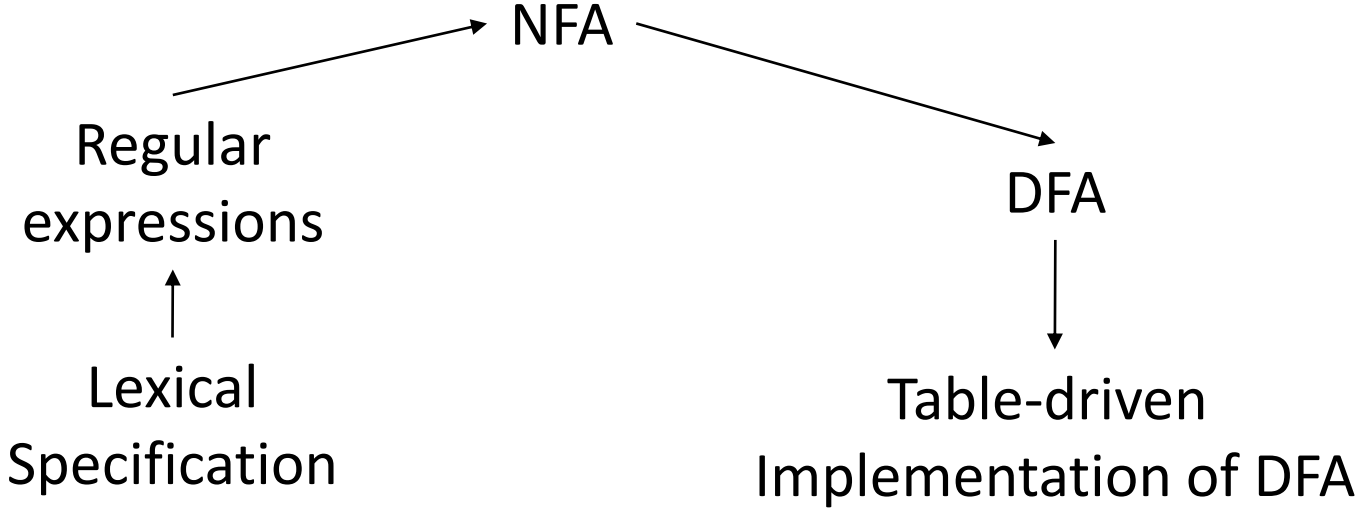


Compilers

Regular Expressions to NFAs

RegExp to NFA



RegExp to NFA

For each kind of rexp, define an NFA

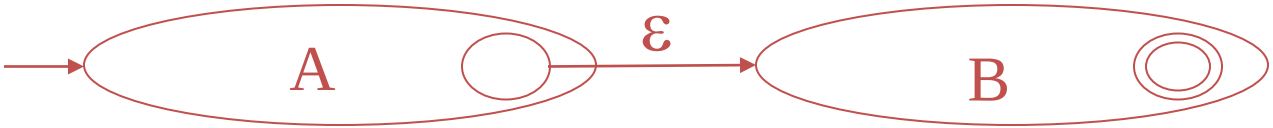
– Notation: NFA for rexp M

- For ε

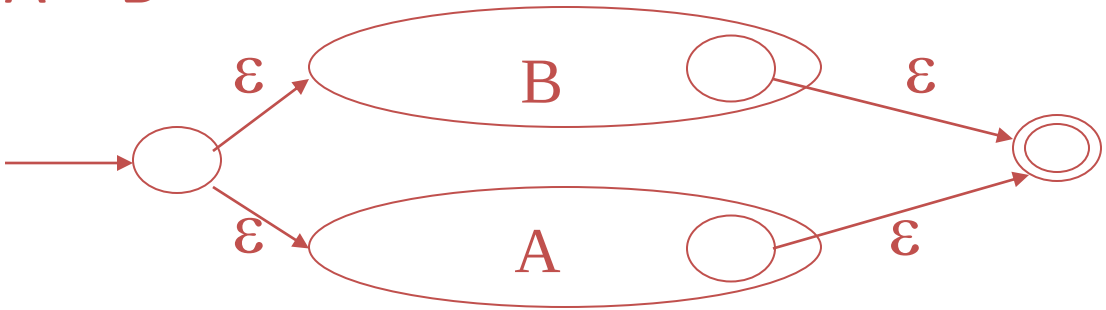
- For input a

RegExp to NFA

- For AB

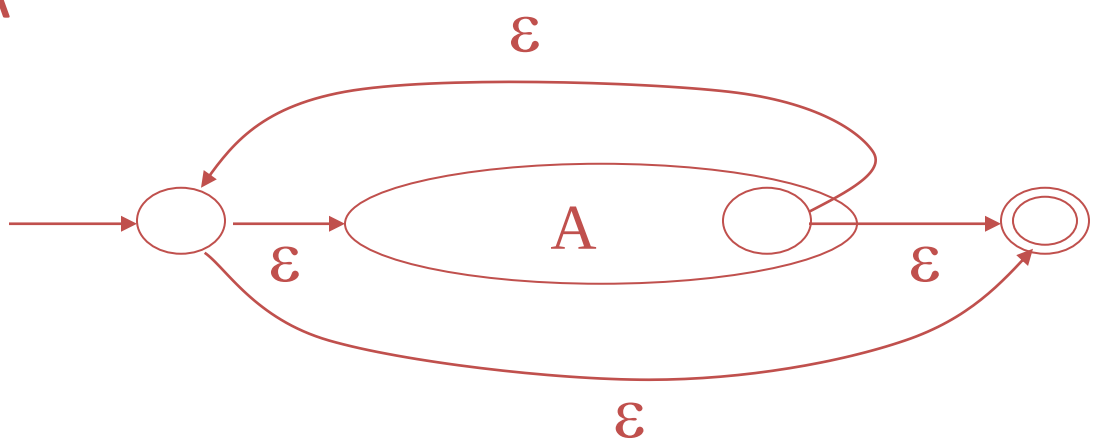


- For A + B



RegExp to NFA

- For A*



RegExp to NFA

- Consider the regular expression

(1+0)*1

RegExp to NFA

Choose the NFA that accepts the following regular expression: 1* + 0